

| L Number | Hits  | Search Text   | DB  | Time stamp       |
|----------|-------|---|---|------------------|
| 36       | 1     | ("20020110328").PN.   | US-PGPUB  | 2004/02/15 17:03 |
| -        | 1592  | ((356/400) or (356/399)).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 14:02 |
| -        | 541   | (359/159).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 00:58 |
| -        | 364   | (359/\$.CCLS.) and ((optical near1 fiber) near10 alignment )  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 14:13 |
| -        | 697   | (optical near1 fiber) near10 alignment and (epoxy and (bond or bonding))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:26 |
| -        | 273   | (optical near1 fiber) near10 alignment and (optical near2 amplifier)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:27 |
| -        | 607   | (optical near1 fiber) near10 alignment and (optical near2 switch)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:30 |
| -        | 6215  | (optical near1 fiber) near10 alignment  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:31 |
| -        | 44809 | 385/\$.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:32 |
| -        | 63067 | 356/\$.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:32 |
| -        | 3278  | ((optical near1 fiber) near10 alignment ) and (385/\$.ccls. or 356/\$.ccls.)                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:32 |
| -        | 688   | ((optical near1 fiber) near10 alignment ) and (385/\$.ccls. or 356/\$.ccls.) and (pedestal or stop or standoff) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:32 |
| -        | 1653  | ((optical near1 fiber) near10 alignment ) and (385/\$.ccls. or 356/\$.ccls.) and (emitter or laser)             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:32 |

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| - | 189 | ((optical near1 fiber) near10 alignment ) and (385/\$.ccls. or 356/\$.ccls.) and (integrated near2 optic)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:33 |
| - | 399 | ((optical near1 fiber) near10 alignment ) and (385/\$.ccls. or 356/\$.ccls.) and (pedestal or stop or standoff)) and (((optical near1 fiber) near10 alignment ) and (385/\$.ccls. or 356/\$.ccls.) and (emitter or laser)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:33 |
| - | 10  | "5621837"  | USPAT   | 2003/01/08 15:33 |
| - | 733 | (156/297).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:35 |
| - | 454 | (156/298).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:35 |
| - | 560 | (156/299).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:36 |
| - | 383 | (156/300).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:36 |
| - | 14  | (optical near1 fiber) near10 alignment and (emitter near3 chip)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:36 |
| - | 83  | (optical near1 fiber) near10 alignment and (standoff)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:36 |
| - | 2   | (optical near1 fiber) near10 alignment and (wavelength near2 stabilizer)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:36 |
| - | 36  | (optical near1 fiber) near10 alignment and (feedback near3 grating)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:36 |
| - | 119 | (optical near1 fiber) near10 alignment and (epoxy near10 (bond or bonding)) and (cure or curing)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:36 |
| - | 107 | (optical near1 fiber) near10 alignment and (solder near10 (bond or bonding)) and (flow or flowing)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:36 |

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| - | 4   | (optical near1 fiber) near10 alignment and (electrically near3 conductive near3 paste)                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/09 21:11 |
| - | 4   | (optical near1 fiber) near10 alignment and (electrically near6 (conductive near3 paste))                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:36 |
| - | 16  | (optical near1 fiber) near10 alignment and (optical near2 amplifier) and (pump near4 energy)               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:36 |
| - | 13  | (optical near1 fiber) near10 alignment and (mode near3 converter)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:36 |
| - | 2   | "6298027"  | USPAT   | 2003/01/08 15:36 |
| - | 65  | (optical near1 fiber) near10 alignment and (power near3 monitor)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:36 |
| - | 119 | (optical near1 fiber) near10 alignment and (epoxy near10 (bond or bonding) and (cure or curing) )          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:37 |
| - | 16  | (optical near1 fiber) near10 alignment and (optical near2 amplifier) and (pump near4 energy)               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 11:21 |
| - | 6   | (optical near1 fiber) near10 alignment and (controllable near4 (optical near2 switch))                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:38 |
| - | 47  | (optical near1 fiber) near10 alignment and (polarization near3 coupler)                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:38 |
| - | 9   | (integrated near6 (optics near2 chip)) and fiber and alignment and (polarization near3 coupler)            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:38 |
| - | 5   | (optical near2 receiver) and (optical near2 emitter) and chip and standoff and (mount or base or submount) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:38 |
| - | 2   | (optics near2 chip) and (optical near2 emitter) and standoff and (mount or base or submount)               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:38 |

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| - | 10   | (optical near2 chip) and (optical near2 emitter) and standoff and (mount or base or submount)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:38 |
| - | 1065 | (356/401).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:39 |
| - | 30   | ((356/401).CCLS.) and ((optical near1 fiber) near10 alignment )  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:39 |
| - | 34   | ((optical near1 fiber) near10 alignment ) and (385/\$.ccls. or 356/\$.ccls.) and (pedestal or stop or standoff)) and (((optical near1 fiber) near10 alignment ) and (385/\$.ccls. or 356/\$.ccls.) and (integrated near2 optic)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:39 |
| - | 146  | ((optical near1 fiber) near10 alignment ) and (385/\$.ccls. or 356/\$.ccls.) and (emitter or laser)) and (((optical near1 fiber) near10 alignment ) and (385/\$.ccls. or 356/\$.ccls.) and (integrated near2 optic))             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/08 15:39 |
| - | 1060 | (156/64).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/09 17:22 |
| - | 2    | ((156/64).CCLS.) and sato.in.  | USPAT   | 2003/01/09 17:25 |
| - | 0    | 156/\$.ccls. and optoelectronics and (compliant near3 chuck) and (bond or bonding)   | USPAT   | 2003/01/09 17:26 |
| - | 0    | 156/\$.ccls. and opto-electronics and (compliant near3 chuck) and (bond or bonding)  | USPAT   | 2003/01/09 17:26 |
| - | 0    | 156/\$.ccls. and opto-electronics and (compliant near3 chuck)  | USPAT   | 2003/01/09 22:35 |
| - | 3    | 156/\$.ccls. and (compliant near3 chuck)   | USPAT   | 2003/01/09 17:27 |
| - | 21   | (optical near1 fiber) near10 alignment and (electrically near3 conductive near3 (bond or bonding))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/09 21:11 |
| - | 82   | 156/\$.ccls. and (press or pressing or compressing) and deform\$ and (optical near2 fiber)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 00:55 |
| - | 225  | (optical near2 detector) and array and (optical near1 fiber) near10 alignment  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 00:57 |
| - | 1141 | (372/6).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 00:58 |
| - | 57   | (optical near2 detector) and (detector near3 array) and (optical near4 array) and (optical near1 fiber) near10 alignment   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 00:59 |

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| - | 138 | (optical near1 fiber) near10 alignment and (directional near3 coupler)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 15:57 |
| - | 553 | (optical near1 fiber) and (multiplex or demultiplex) and (directional near3 coupler)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 11:57 |
| - | 132 | (optical near1 fiber) and (multiplex or demultiplex) and (directional near3 coupler) and (semiconductor near2 laser)               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 11:57 |
| - | 160 | (optical near1 fiber) near10 alignment and (optical near3 switch) and chip   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 14:29 |
| - | 17  | (optical near1 fiber) near10 alignment and (second near2 submount)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 14:36 |
| - | 0   | (optical near1 fiber) and (second near2 submount) and (thermal near2 compensation)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 14:38 |
| - | 0   | (second near2 submount) and (thermal near2 compensation)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 14:40 |
| - | 12  | (second near2 mount) and (thermal near2 compensation)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 14:42 |
| - | 157 | (submount or mount) and (thermal near2 compensation) and (optical)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 14:43 |
| - | 48  | ((optical near1 fiber) near10 alignment) and (polarization near3 coupler)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 16:07 |
| - | 10  | (optical near2 assembly) and (polarization near3 coupler) and (polarization near4 orthogonal) and ((optical or optic) near2 fiber) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/01/10 16:10 |